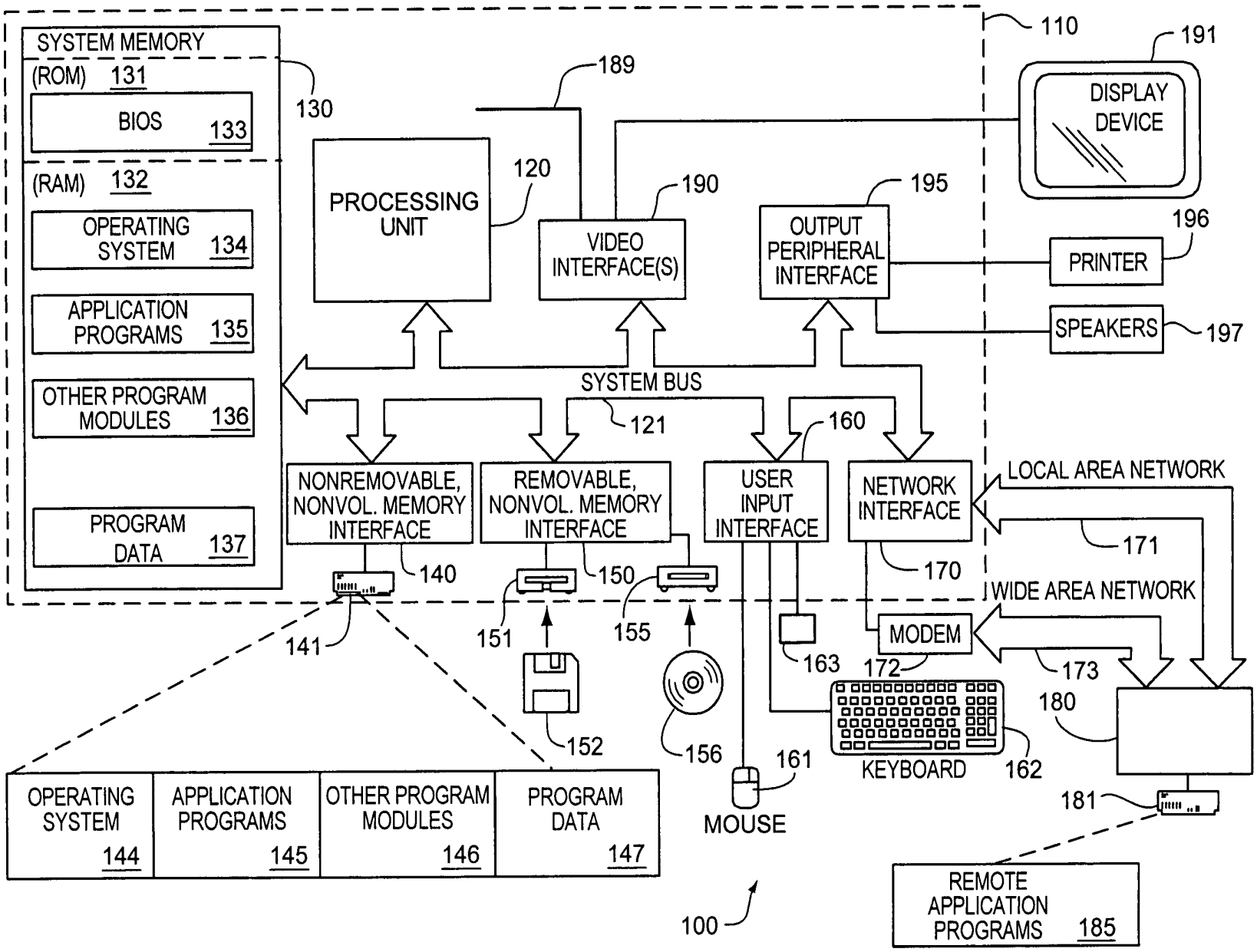
SYSTEM MEMORY
(ROM) 131
BIOS 133
130
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
PROCESSING UNIT
120
189
VIDEO INTERFACE(S)
190
OUTPUT PERIPHERAL INTERFACE
195
110
191
DISPLAY DEVICE
PRINTER
196
SPEAKERS
197
SYSTEM BUS
121
160
NONREMOVABLE, NONVOL. MEMORY INTERFACE
REMOVABLE, NONVOL. MEMORY INTERFACE
USER INPUT INTERFACE
NETWORK INTERFACE
LOCAL AREA NETWORK
171
170
WIDE AREA NETWORK
MODEM
172
173
140
150
141
151
155
163
152
156
161
MOUSE
KEYBOARD
162
180
181
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147
100
REMOTE APPLICATION PROGRAMS 185

FIG. 1.

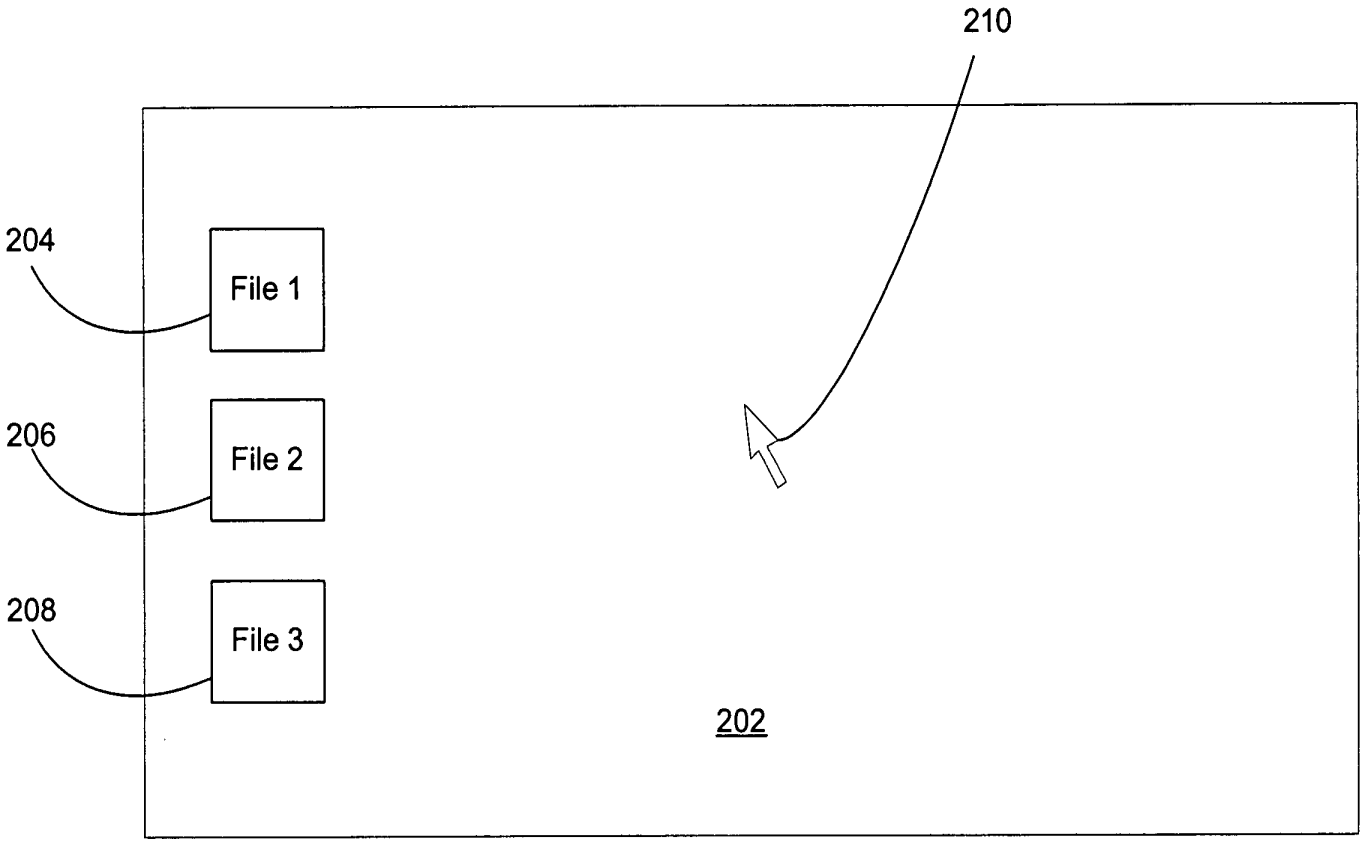

FIG. 2A

200

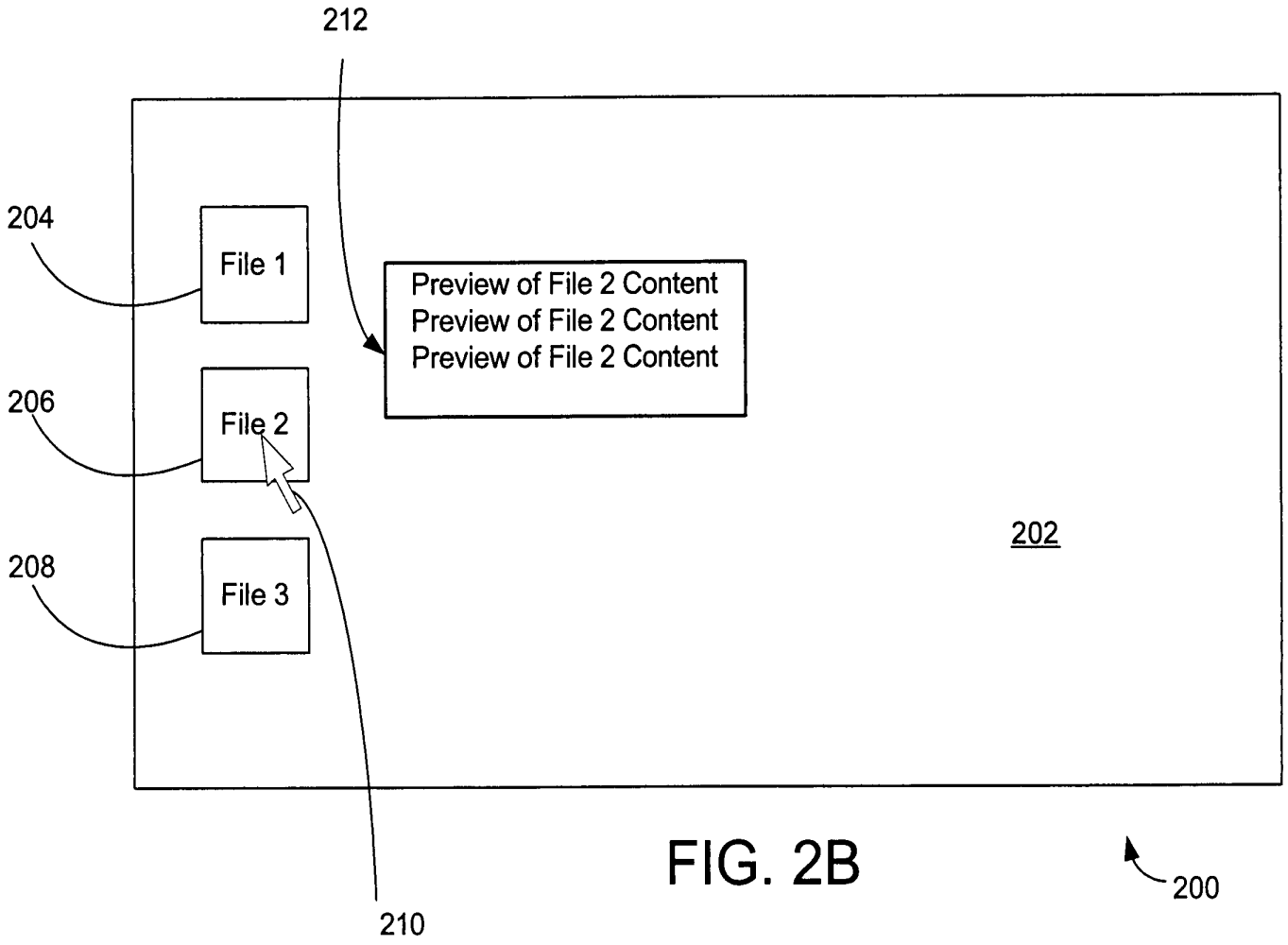
212
204
File 1
Preview of File 2 Content
Preview of File 2 Content
Preview of File 2 Content
206
File 2
202
208
File 3
210
200

FIG. 2B

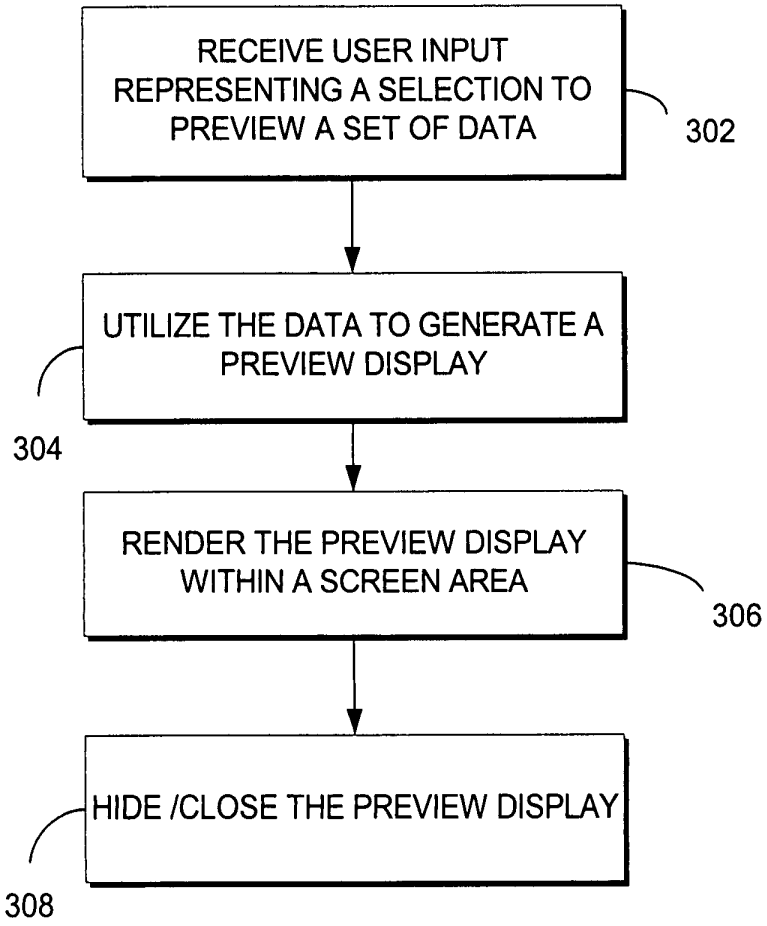
RECEIVE USER INPUT REPRESENTING A SELECTION TO PREVIEW A SET OF DATA
302
UTILIZE THE DATA TO GENERATE A PREVIEW DISPLAY
304
RENDER THE PREVIEW DISPLAY WITHIN A SCREEN AREA
306
HIDE /CLOSE THE PREVIEW DISPLAY
308
300

FIG. 3

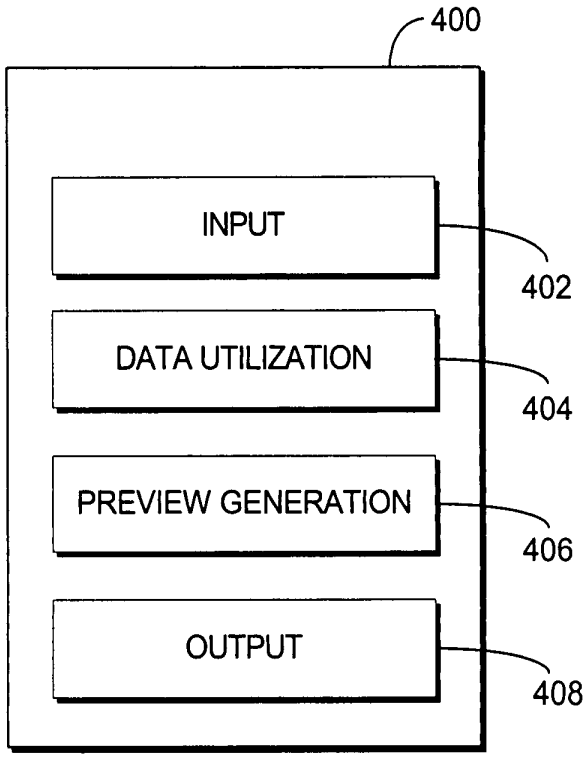
400
INPUT
402
DATA UTILIZATION
404
PREVIEW GENERATION
406
OUTPUT
408

FIG. 4

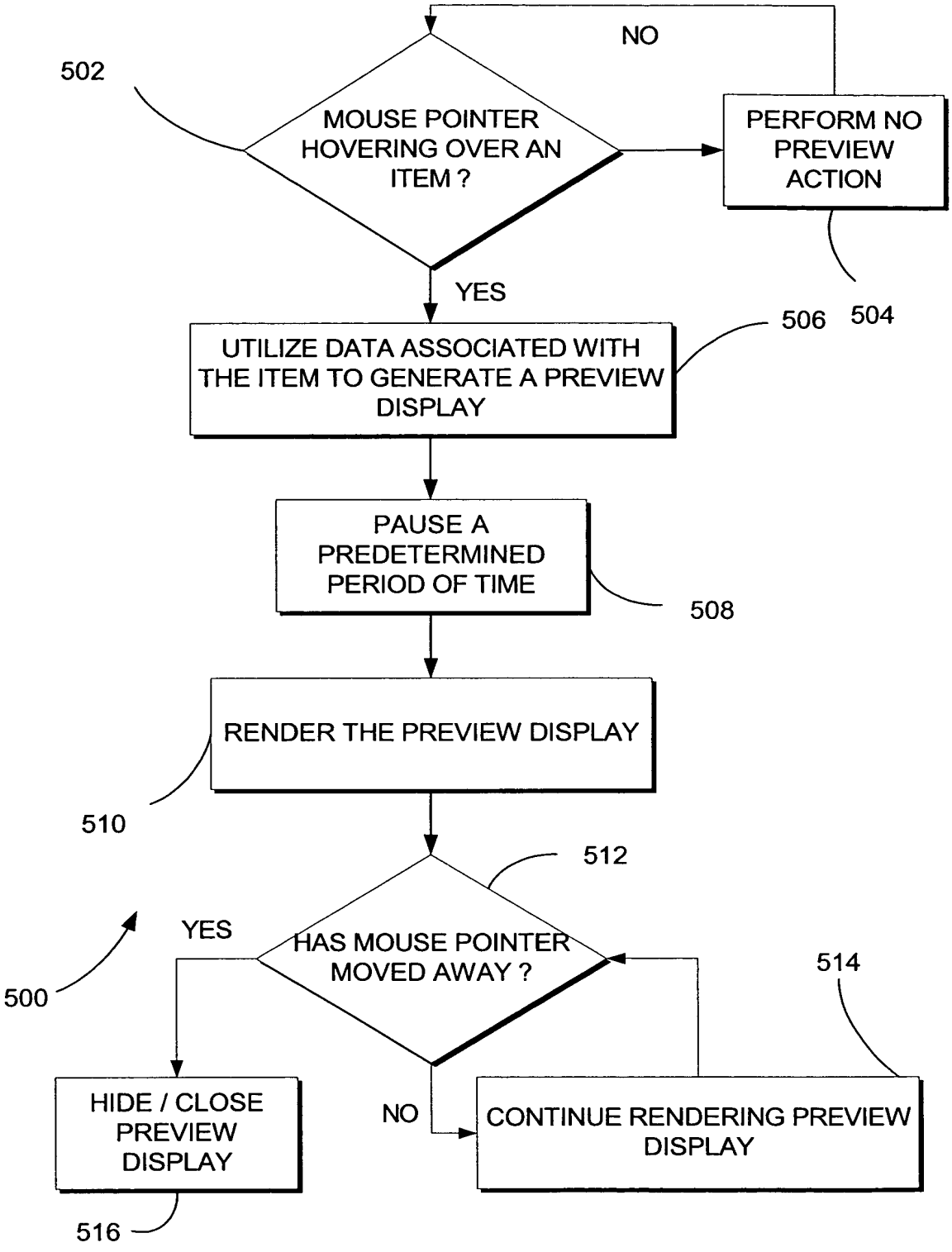
NO
502
MOUSE POINTER HOVERING OVER AN ITEM ?
PERFORM NO PREVIEW ACTION
504
YES
506
UTILIZE DATA ASSOCIATED WITH THE ITEM TO GENERATE A PREVIEW DISPLAY
PAUSE A PREDETERMINED PERIOD OF TIME
508
RENDER THE PREVIEW DISPLAY
510
512
YES
HAS MOUSE POINTER MOVED AWAY ?
500
514
HIDE / CLOSE PREVIEW DISPLAY
NO
CONTINUE RENDERING PREVIEW DISPLAY
516

FIG. 5

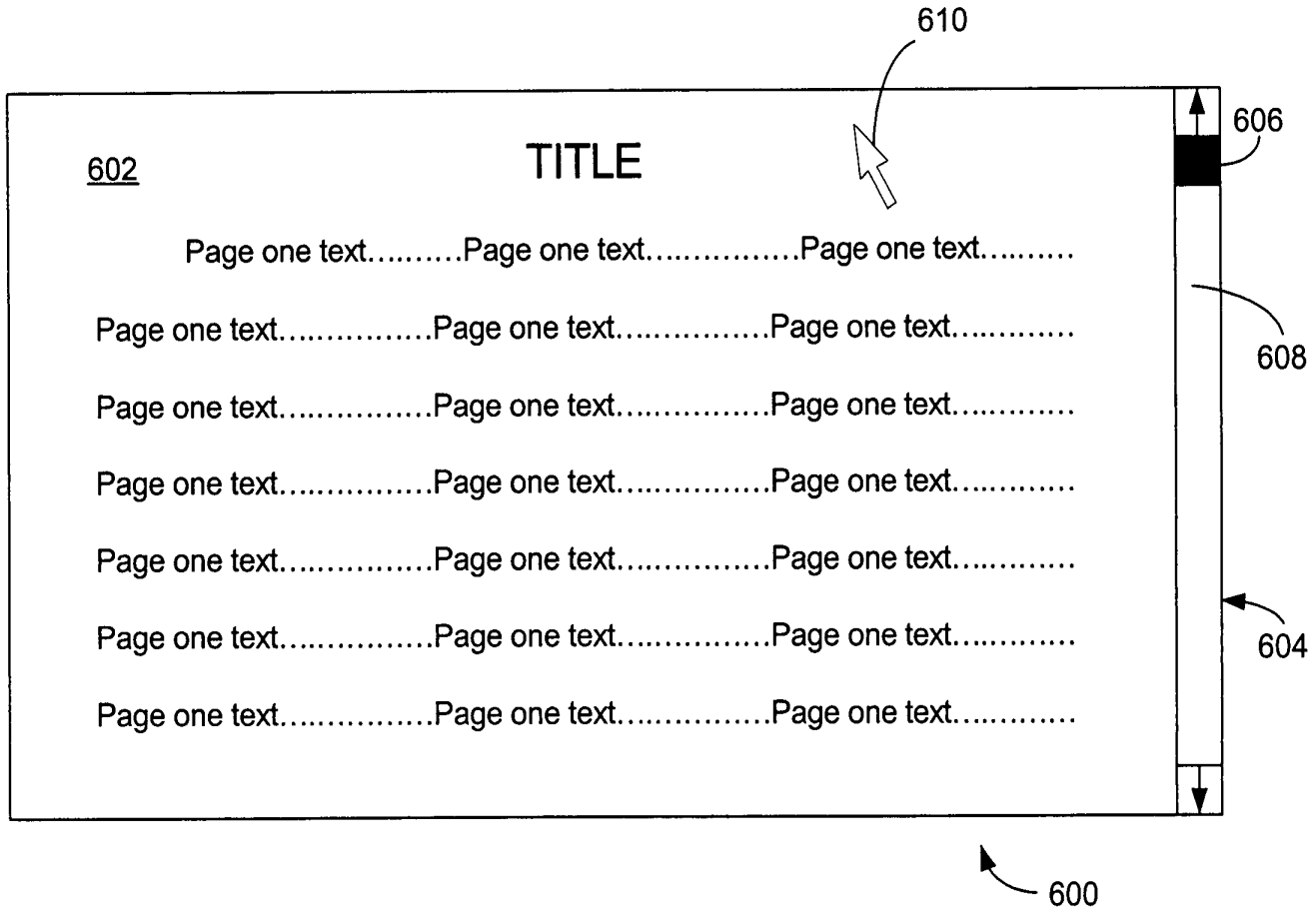
610
606
602
TITLE
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
608
604
600

FIG. 6A

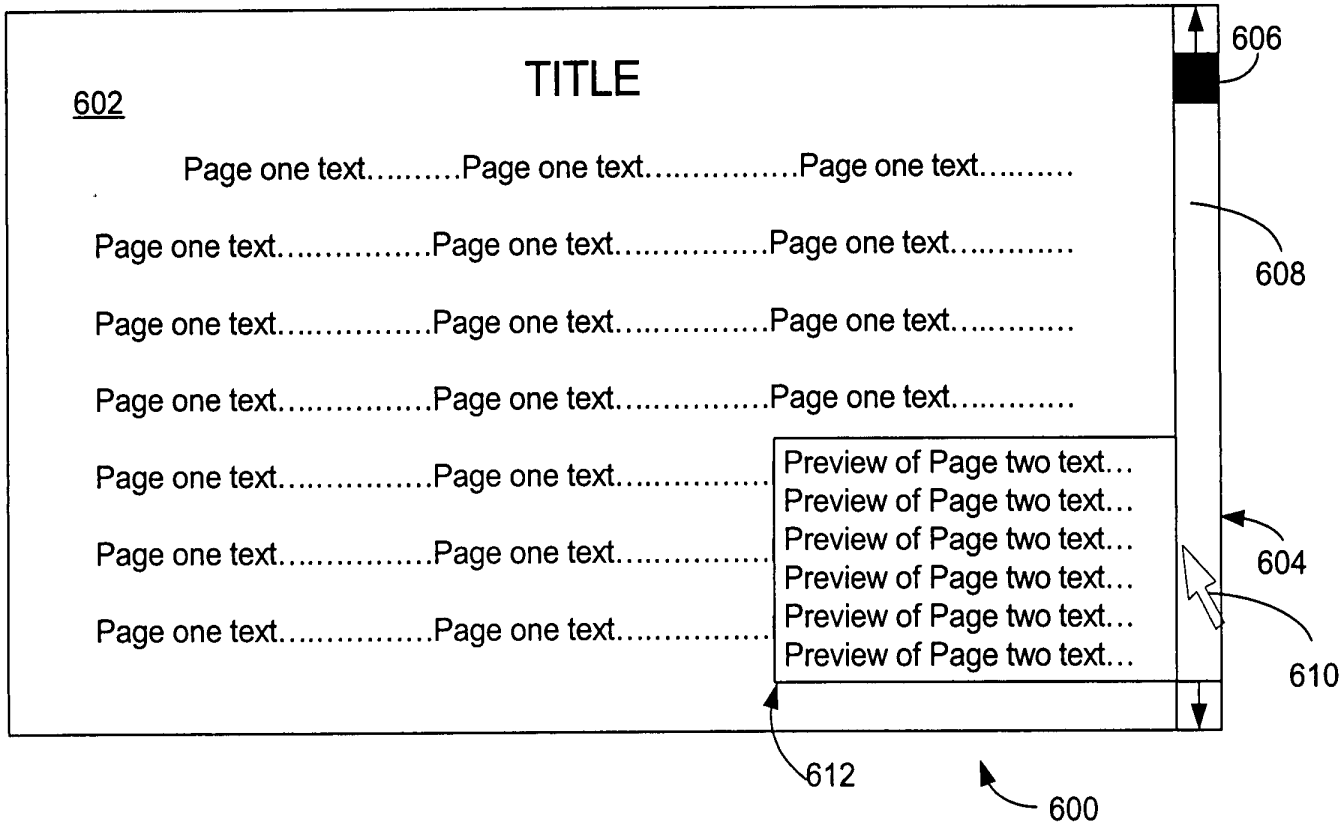
TITLE
602
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....Page one text.....
Page one text.....Page one text.....
Page one text.....Page one text.....
Page one text.....Page one text.....
Preview of Page two text...
Preview of Page two text...
Preview of Page two text...
Preview of Page two text...
Preview of Page two text...
Preview of Page two text...
606
608
604
610
612
600

FIG. 6B

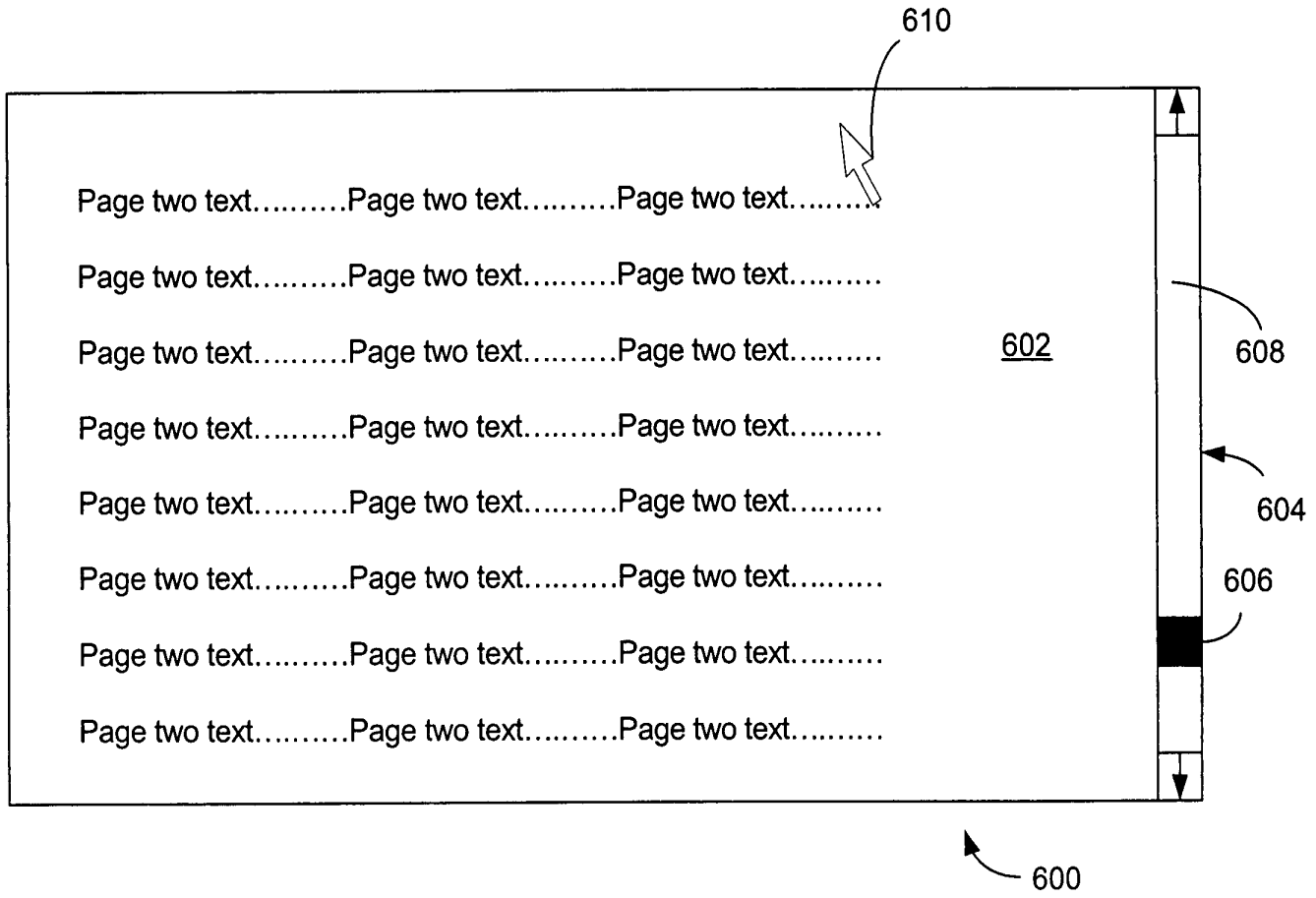
610
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
Page two text.....Page two text.....Page two text.....
602
608
604
606
600

FIG. 6C

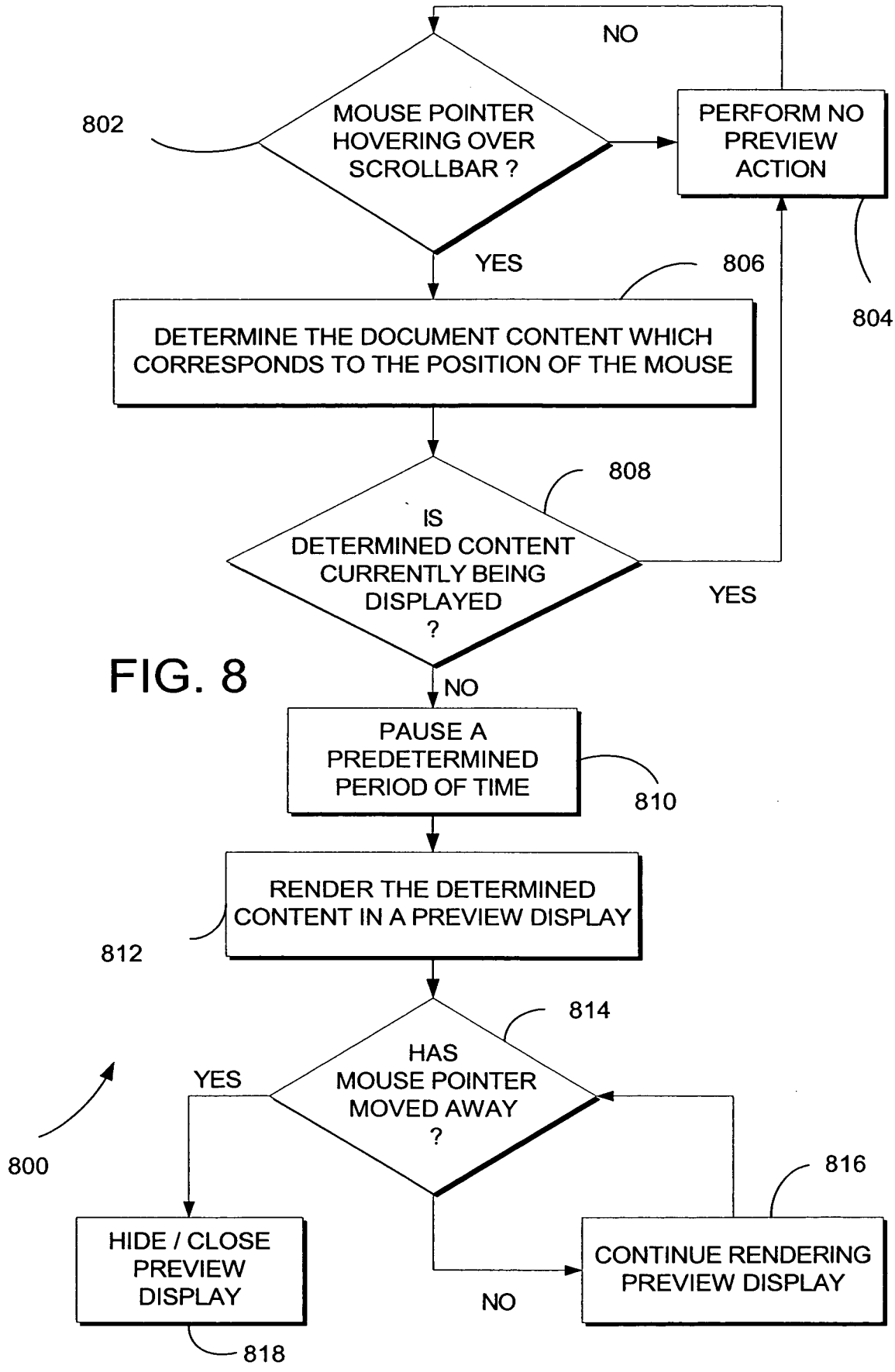
NO
802
MOUSE POINTER HOVERING OVER SCROLLBAR ?
PERFORM NO PREVIEW ACTION
804
YES
806
DETERMINE THE DOCUMENT CONTENT WHICH CORRESPONDS TO THE POSITION OF THE MOUSE
808
IS DETERMINED CONTENT CURRENTLY BEING DISPLAYED ?
YES
NO
PAUSE A PREDETERMINED PERIOD OF TIME
810
RENDER THE DETERMINED CONTENT IN A PREVIEW DISPLAY
812
814
HAS MOUSE POINTER MOVED AWAY ?
YES
800
816
HIDE / CLOSE PREVIEW DISPLAY
NO
CONTINUE RENDERING PREVIEW DISPLAY
818

FIG. 8

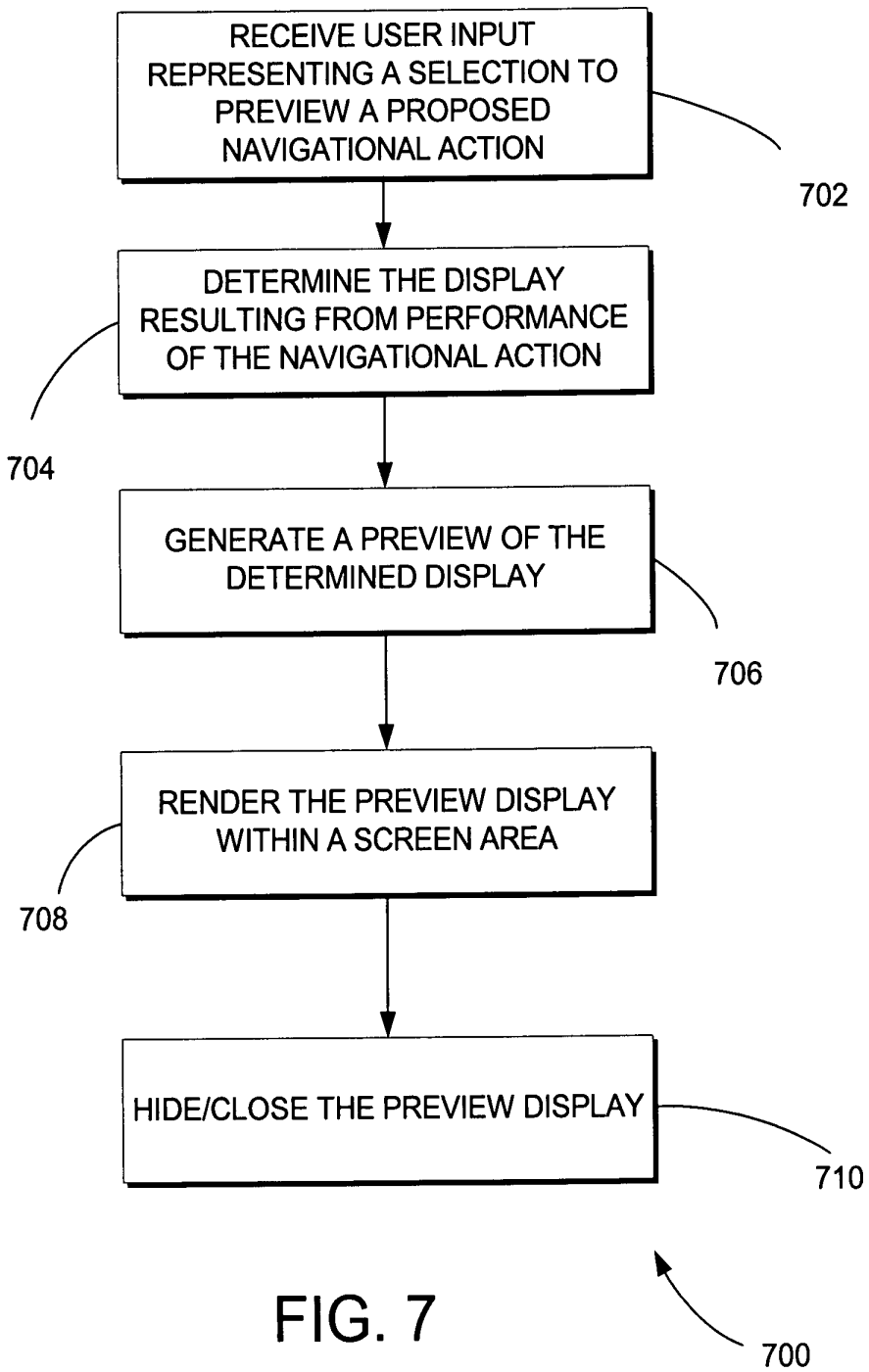
RECEIVE USER INPUT REPRESENTING A SELECTION TO PREVIEW A PROPOSED NAVIGATIONAL ACTION
702
DETERMINE THE DISPLAY RESULTING FROM PERFORMANCE OF THE NAVIGATIONAL ACTION
704
GENERATE A PREVIEW OF THE DETERMINED DISPLAY
706
RENDER THE PREVIEW DISPLAY WITHIN A SCREEN AREA
708
HIDE/CLOSE THE PREVIEW DISPLAY
710
700

FIG. 7

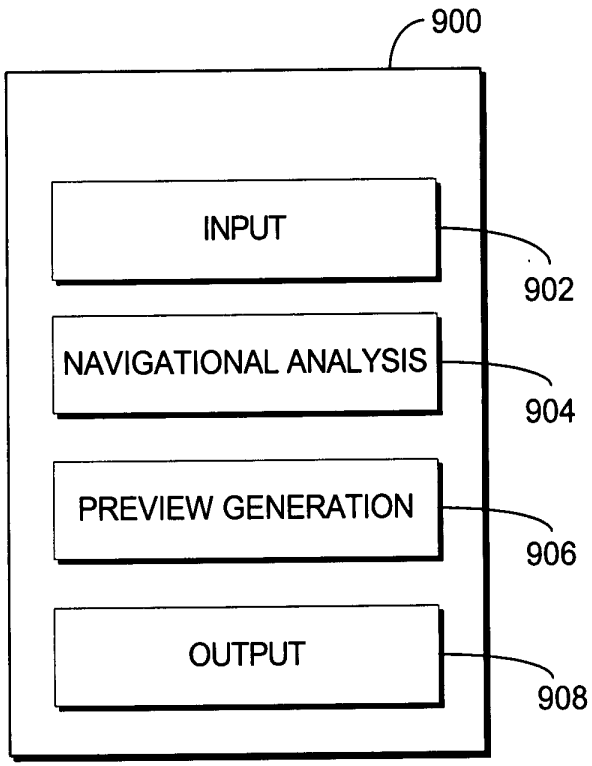
900
INPUT
902
NAVIGATIONAL ANALYSIS
904
PREVIEW GENERATION
906
OUTPUT
908

FIG. 9